APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200330011-7

DOK AK NAUK SSSR Vol LXIV, No 6, 4 pp, 1949

The Possibility of Astronomically Determining the Geodetic Asimuth Without Knowing the Astonomical Coordinate of a Point"

A. B. Marinbakh

Done by ATI - sent to FDB by
Mr. Bechler RDB
Copy in files
CADO - 49 - 118 Trans.
CIA 513231
copy in files

29/49T41

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DOK AK NAUK SSSR Vol LXIV, No 6, 3 pp, 1949

"B-Spectrum of Au^{198}"

B. S. Czhelepov
A. A. Bashilov
A. V. Solotavin
N. M. Anton'yeva

Done by Brookhaven
Guide to Russ Sci Per Lit
Vol 2, No 6, Page 191

29/49T99

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200330011-7

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Influence of Pressure on the Hydrolysis of 2, 5-Diketopiperazine and Formation of Polypeptide Bonds, by A. M. Polyakov and L. F. Vereshchagin, 2 pp.

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Cleavage of Lignin by Sodium in Liquid Ammonia, by N. N. Shorygina, T. Ya. Kefeli, A. F. Semechkina, 7 pp. UNCLASSIFIED

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Lavrent'ev, M. A. and Ishlinskii, A. Yu.
DYNAMIC FORMS OF LOSS OF STABILITY OF AN ELASTIC SYSTEM. [1961] [7]p. 1 ref.
Order from OTS or SLA $1.10 62-10162

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1949, v. 64, no. 6, p. 779-782.
Another trans. is available from OTS $1.10 as AD-264 148, STL-TR-61-5110-41, Aug 61, 7p.

DESCRIPTORS: *Dynamics, Structures, *Elasticity, Fitot tubes, Rods, Fluid mechanics, Pressure, *Motion, Axially symmetric flow, Harmonic oscillators, Equations, Differential equations, Polynomials, Integral equations, Matrix algebra, Vibration, Deformation, Plastic flow.

A study is made of the dynamic behavior of fundamental forms which have been subjected to compression. It is
(Mechanics, TT, v. 7, no. 9) (over)

62-10162

I. Lavrent'ev, M. A.
II. Ishlinskii, A. Yu.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200330011-7

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~~AFCRC-TR5-1512~~
~~for~~ Amer Meteorol Soc

T-F-417

Sci - Earth Sci & Ast
11 Jul 63

NRL Ref: [illegible] (T-F-417)
(Loan copy)

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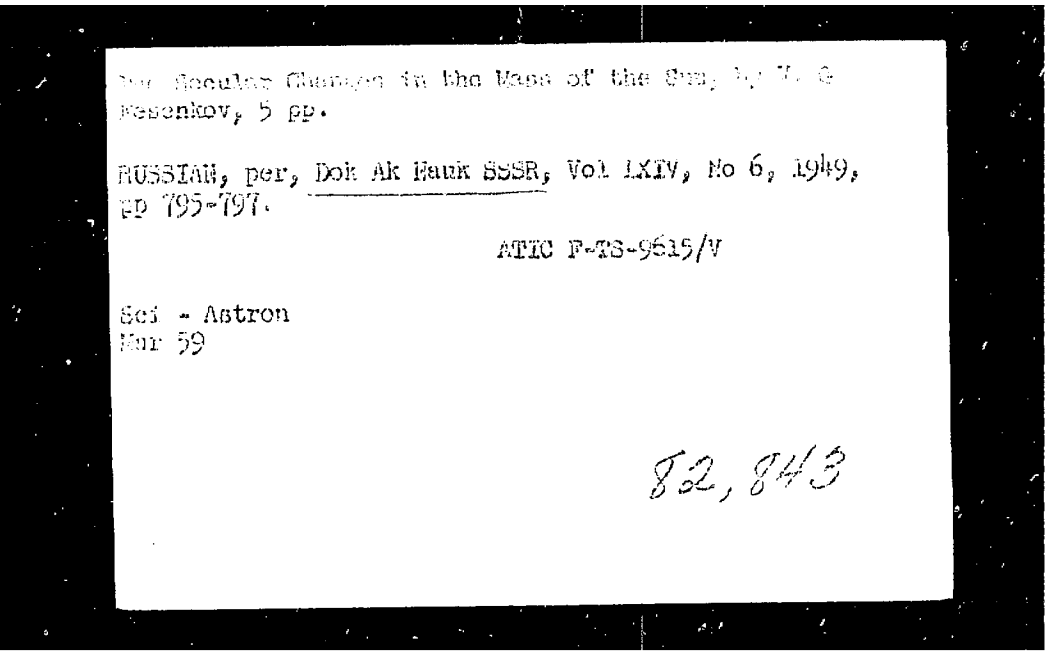

New Secular Changes in the Mass of the Sun, by V. G. Fesenkov, 5 pp.

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Beta Spectrum of Au^{198}, by V. S. Dzelepov, A. A. Bashilov, A. V. Zolotavin and N. M. Aonton'eva

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On the Penetrating Cone Method to Characterize the Structural-Mechanical Properties of Visco-Plastic Bodies, by P. A. Rebinder, N. A. Semenenko, 6 pp.

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Surface Tension of Eutectic Alloys

Brutcher Trans 2316, $2.00

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Solution of a Problem in Probability theory Connected With the Problem of the Mechanism of Stratification. by Kolmoghorov, A. N

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"Distribution of Radium Between Fusion and Crystals of Nonisomorphic Salts"

V. R. Klokman

Done by Brookhaven
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Distribution of Radium Between the Melt and Crystals of Nonisomorphic Salts by V. N. Klokman and V. G. Khlopin

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SLA 61-17481

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GORBUNOV, N. I.
TSYGRPA, I. G.

The Minimum Quantities, Detectable from X-ray Diffraction Patterns of Crystalline Substances in Mixtures With Amorphous Substances

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"New Method of Determining the Invariant Equilibrium of Phases at High Temperatures"

Ya. I. Ol'Shanskiy

ST-229

Proj 7583

OBW-16753

SR 13 Dec 1950 39/49T7

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DOK AK NAUK SSSR Vol LXV, No 2, 1949

The Mechanism of Diffusion in Solid Solutions of Substitution"

T.A. Levedev

AEC Tr 298
Brookhaven

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"The Rules of Selection for Beta-Disintegration"

N. V. Zvolinskiy

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On the Differentiation Of Nuclear Nucleoproteins Of Tumorous and Normal Cells by L.A. Zilber and others.

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Determination of the Position of the Basic Blue Color in the Color Triangle, by N. D. Nyuberg, 8 pp.

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13 214 Ca-1

LEBEDEV T. A.

On the mechanism of diffusion in solid solutions of substitutions

Dokl. Akad. Nauk SSSR, 65, No. 2, 163-165 (1949)

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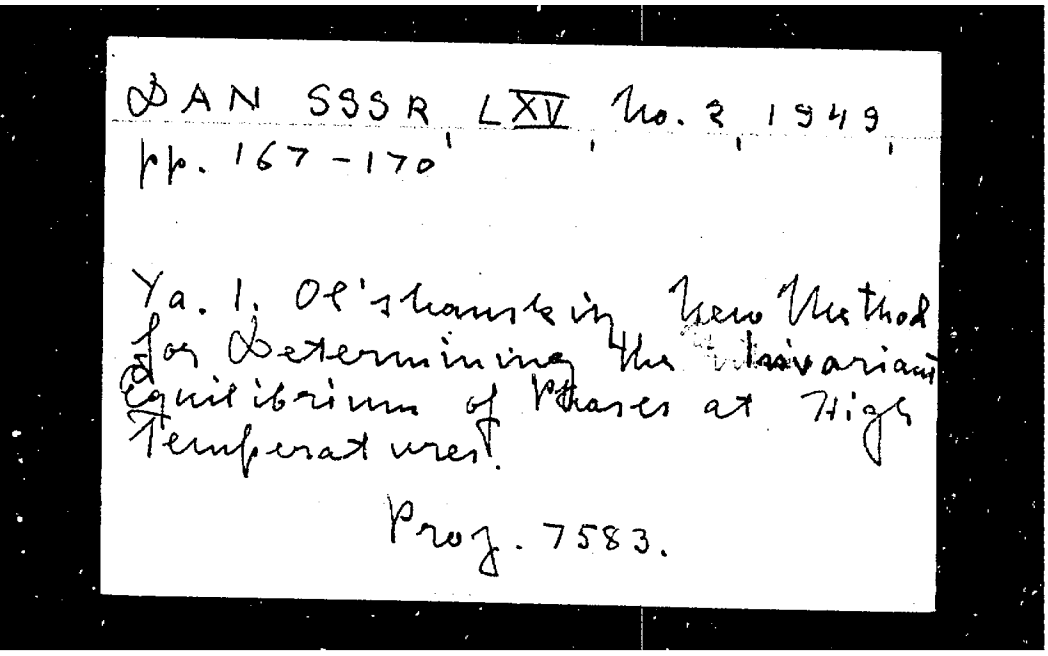

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On Antibodies To the Specific Antigen In Animals Affected With Tumors by N.V.Nartisissov and L.A. Zilber.

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Morris D. Friedman
$3.00

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Adhesion of Microscopic Particles to Solid Surfaces in Liquids, by G. I. Fuks, V. M. Klychnikov, E. V. Tsyganova, 7 pp.

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Sci Tr Center RT-2781

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Materials for the Systematics of Mites of the Genus Tyrophagus Outs., 1923, (Tyroglyphidae, Acarina), by V. I. Voglgin.

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The Question of Chemical Mediators of Pain, by S. D. Balakhovskiy, D. Ye. Ryvkina, 5 pp.

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USSR
Sci - Medicine, physiology

36863

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The Activity of Cholinesterase in the Tissues and Blood Serum, by T. V. Pravdich-Neminskaya, 10 pp.

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USSR
Sci - Medicine, physiology

36864

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"A Model for Bacterial Photosynthesis"

A. A. Gurevich

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41/49T50

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"The Chemical Nature of Certain Unstable Substances in the Green Leaves of Plants"

AP 527 530

A. M. Kuzin
R. Ya. Shkol'nik

AED Trans 33
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Some Regularities in Changes of Gas Exchange in Anopheles Pupae, by V. I. Olifan, 10 pp.

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"The Importance of Unstable Peroxides From the Green Leaves of Plants for Photosynthesis"

A. M. Kuzin
R. Ya. Shkol'nik

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SLA 59-20194

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"Special" Showers of Cosmic Rays, by S. Asimov, N. Birge
A. Gorbunov.

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Study of the Structure of Broad Atmospheric Showers of Cosmic Rays, by G. Ya. Artyukhov, L. Kh. Eydus.

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Spectral Distribution of the Natural Light Sensitivity of Silver Halide Photographic Emulsions, by I. I. Breydo, Yu. N. Gorokhovskiy, 9 pp.

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Nezlin, M. V., Rozental', L. L. and Slavatinskiy, S.A.
Narrow atmospheric showers of cosmic ray particles.

Avail at BNL AECtr 471 29 June 5,
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Dec 58

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CRREL 68-T-16

R-9152-D
9 Feb 68

The problem of Geometrical Selection of Crystals
By: A. N. KOLMOGOROV
From : book Akademiia Nauk SSSR, Doklady, 65(5), 1949
pp 681-684 (4 pp)

Russian - est for wds:

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The Lower Titanium Oxides in Slag of the Aluminothermic Process, by D. S. Belyankin.

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Brutcher #2340

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Possibly Consultants Bureau Tr Zhur Obshch Khim, Vol XXI, # Jan 1951

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SP 9/6/51

L. M. Bl

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CSIRO 3769

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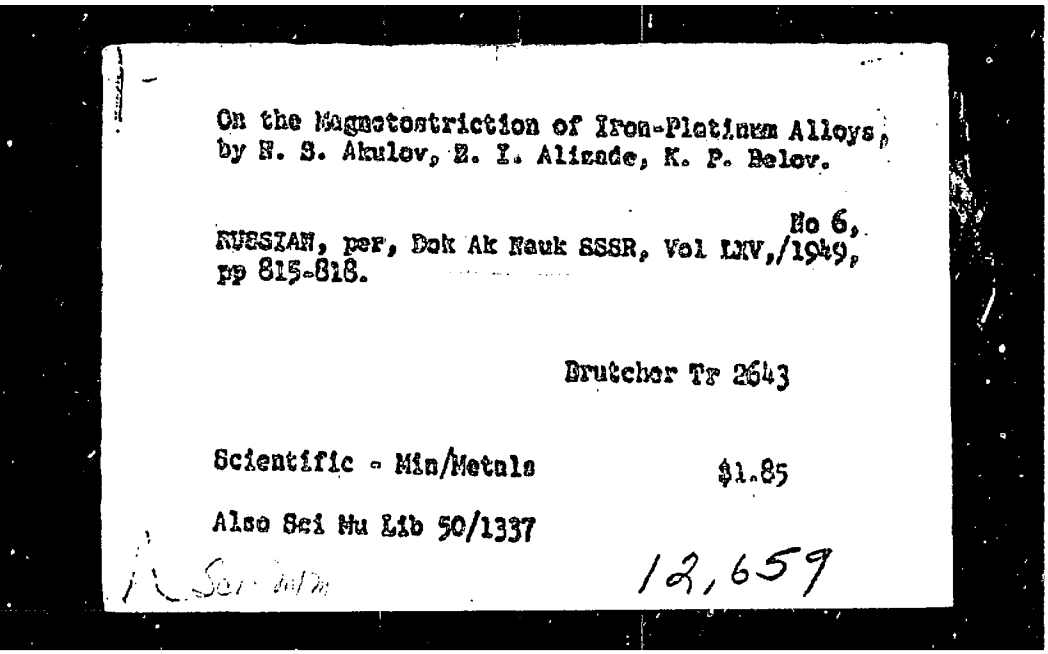

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NLL 11.2842
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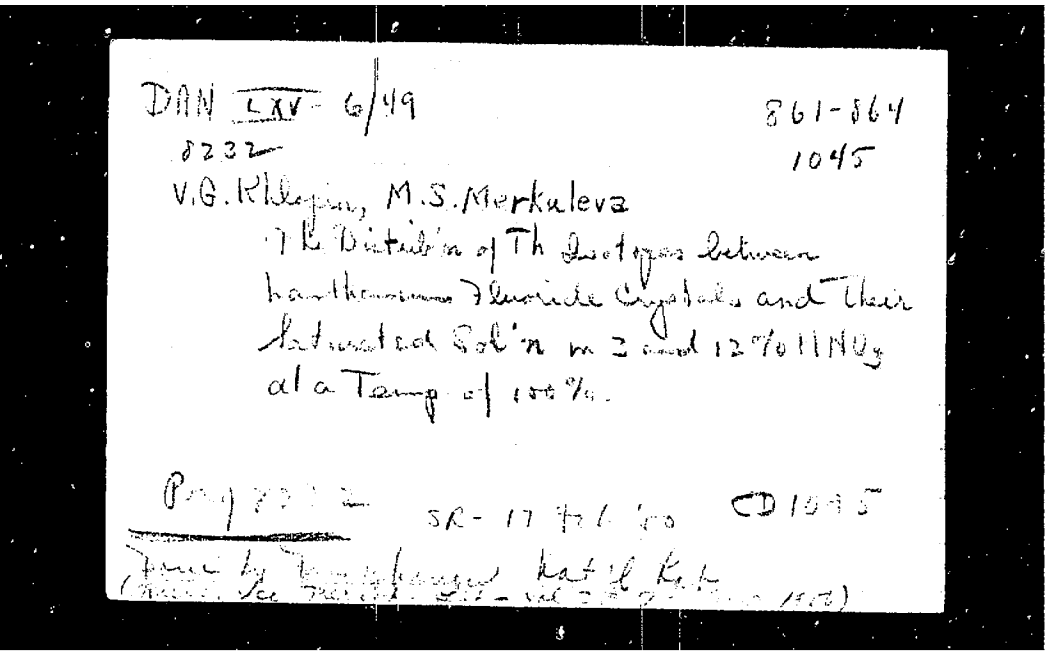

DAN LXV - 6/49
861-864
8232
1045
V.G. Khlopin, M.S. Merkuleva
The Distribution of Th Isotopes between
hanthanum Fluoride Crystals and their
Saturated Sol'n in 2 and 12% HNO3
at a Temp of 100°.

Pmg 8232 SR-17 to 6 '50 CD 1045

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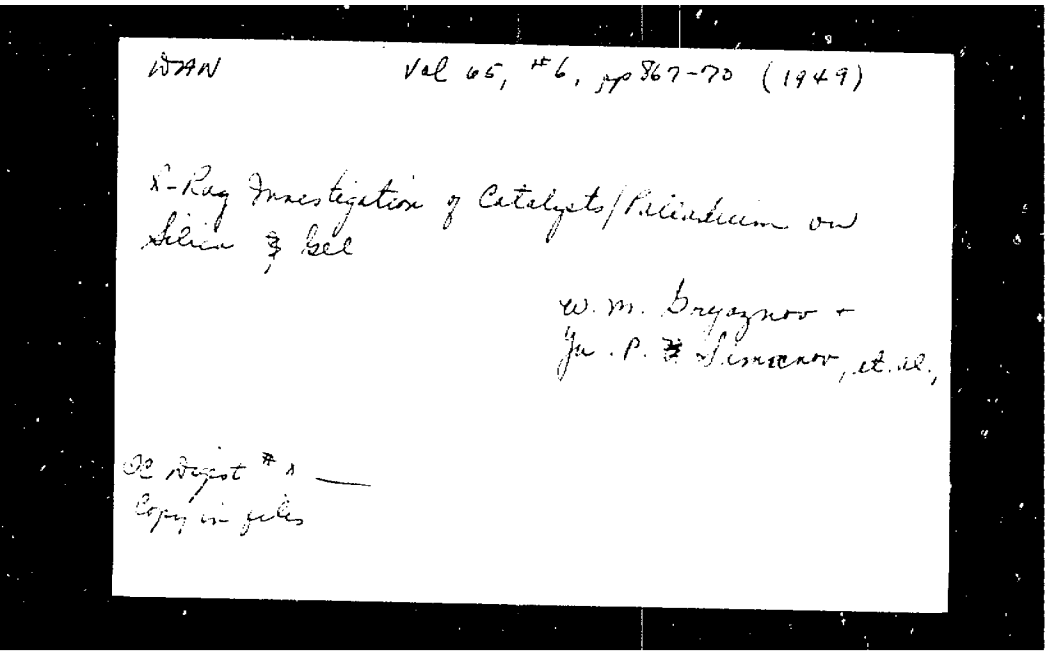

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W. M. Breazeale + Jr. P. H. Emmett, et. al.,

Re Project #1

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Ignition of Explosive Gaseous Mixtures in Shock Waves, by Ya. B. Zel'dovich, I. Ya. Shlyapintokh, 9 pp.

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JPRS 5781

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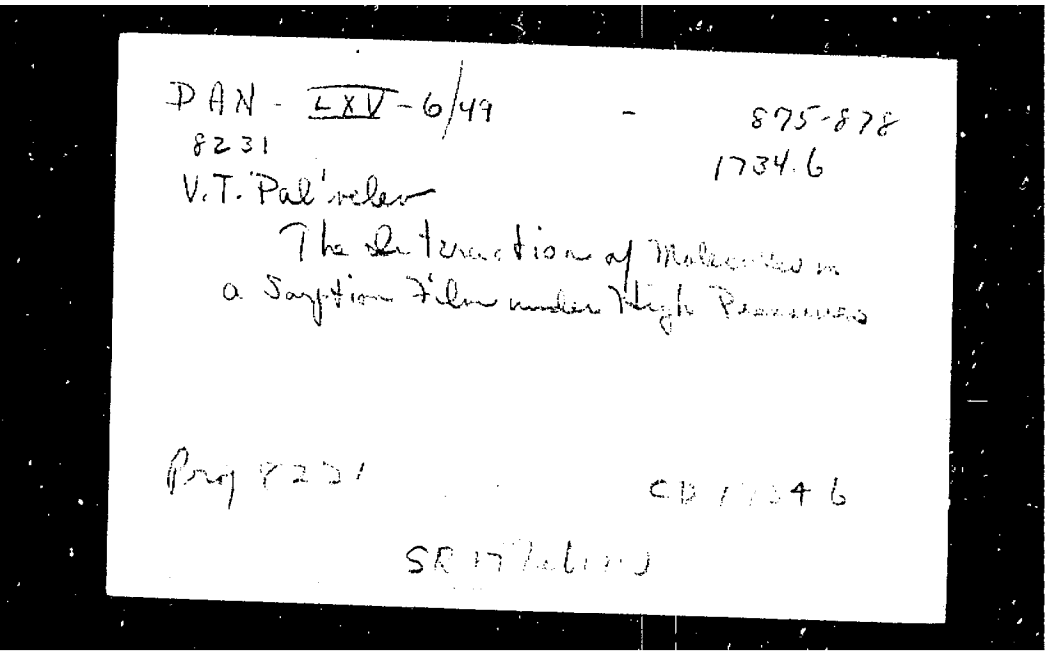

PAN - LXV - 6/49 - 875-878
8231 1734.6
V.T. Pal'chelov
The Interaction of Molecules in
a Sorption Film under High Pressures

Proj 8231 CD 1734.6

SR 17 Pal.V.T.

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Phase Transitions of the Second Order and the Ehrenfest Equation, by V. A. Sokolov

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AEC Tr 1130

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"Pressure Pulsations in Turbulent Flow"

A.M. Obukhov

Done by G.B. 14/65 (P21452T)
Sci Index Aero
May 1950, 10 pp

T.I.B. T.P.A.3, 14.P 21452T

Done by Sci Mus Lit
G.B. #50/1115

50/49T89

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200330011-7

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Observation of the Region of the Galactic Center in the Infrared, by A. A. Kalinyak, V. I. Krasovskiy, V. B. Nikonov, 8 pp.

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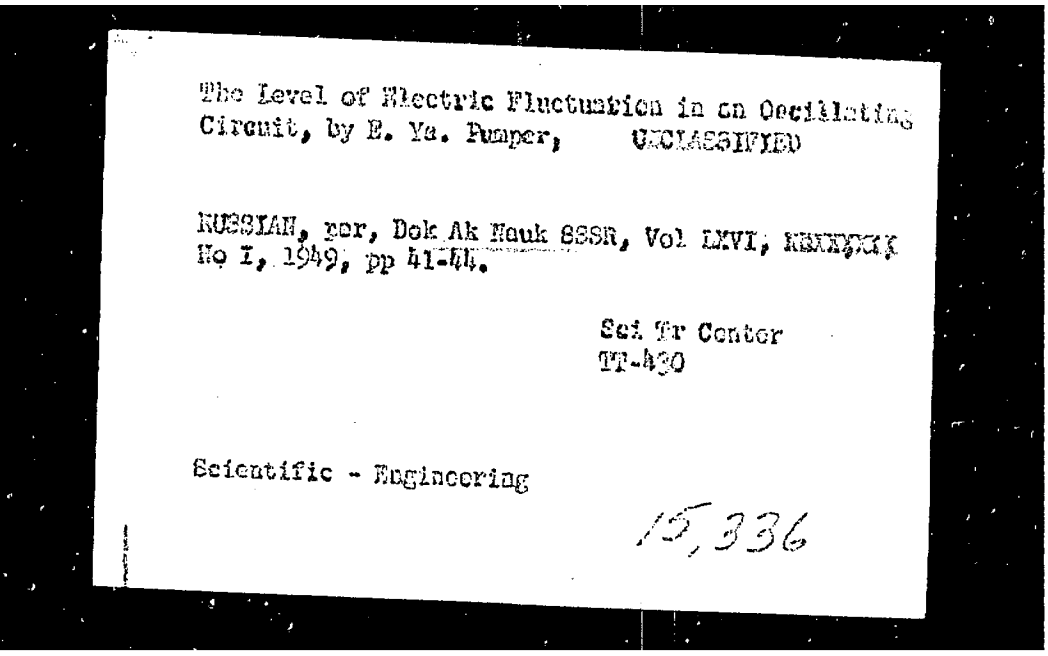

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Method of Investigation of the Microstructure of Photocathodes by an Electron Microscope, by A. I. Primer, I. G. Sinitskaya, 7 pp.

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APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200330011-7

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Sci - Engr
Feb 58

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Evaporation From the Lake Baikal Ice Surface in the Winters of 1942-1945, by L. F. Forsh,

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Heat Capacity of Bound Water, by P. I. Andrianov, 7 pp.

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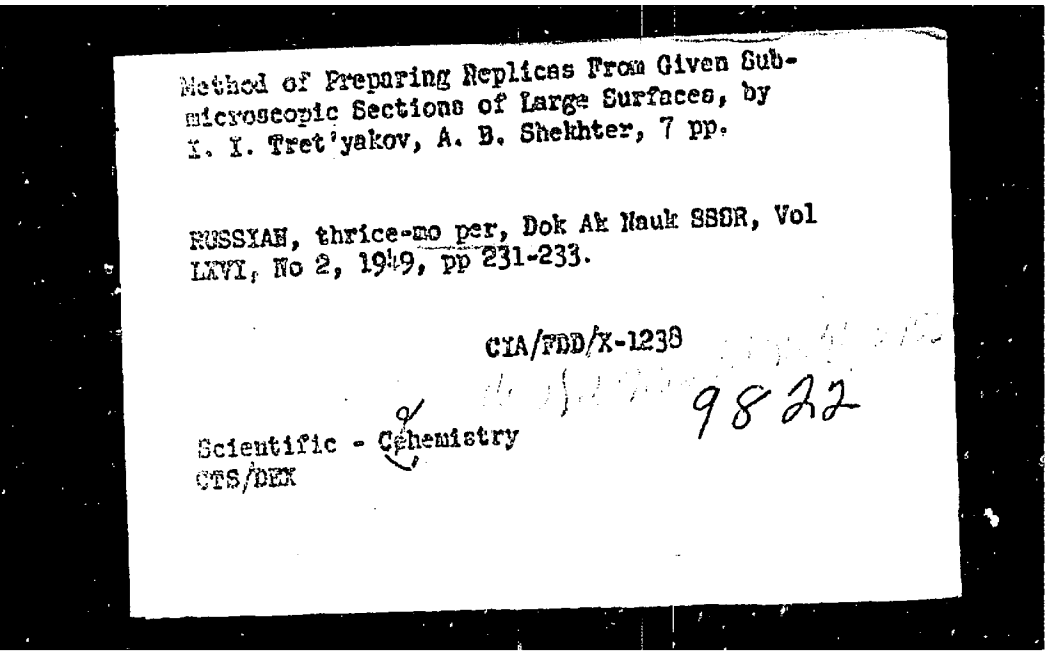

Method of Preparing Replicas From Given Submicroscopic Sections of Large Surfaces, by I. I. Tret'yakov, A. B. Shekhter, 7 pp.

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Enzymatic Formation of Glycine From Serine, Threonine, and Other Oxy-Amino Acids in Animal Tissues, by A. E. Braunshtein, G. Ia. Vilenkina, 10 pp.

Full translation.

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APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200330011-7

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Lobov, M. F.
THE PROBLEMS INVOLVED IN METHODS OF DETERMINING THE WATER REQUIREMENTS OF PLANTS UNDER IRRIGATION (K Voprosu o Sposobakh Opredelenlya Potrebnosti Rastenil v Vode pri Polivakh). [1962] [7]p. 6 refs.
Order from OTS or SLA $1.10 62-10745

Trans. of Akademiya Nauk SSSR. Doklady, 1949, v. 66, no. 2, p. 277-280.

DESCRIPTORS: *Water supplies, *Irrigation systems, *Plants, Physiology.

(Agriculture, TT, v. 8, no. 10)

62-10745

I. Lobov, M. F.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200330011-7

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DOK AK NAUK SSSR Vol LXVI, No 3, 3 3/4 pp 1949

"Observation of the Magnetic Effect of Meteors by the Induction Method"

A. G. Kalashnikov

Done b Sci Mus Lib
Gt Brit - # 50/1806

52/49T44

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200330011-7

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DOK AK NAUK SSSR Vol LXVI, No 3, 4 pp, 1949

"Photochemical, Mercury-Sensitized Oxidation of Ethane"

A. B. Nalbandyan

AEC/BNL/tr-126

52/49T17

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200330011-7

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Suleimanova, Kh. R.
STOCHASTIC MATRICES WITH REAL CHARACTERISTIC NUMBERS. [1962] 6p. 2 refs.
Order from OTS or SLA $1.10 62-20325

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1949, v. 66, no. 3, p. 343-345.

DESCRIPTORS: *Real variables, Numbers, *Probability, Matrix algebra.

The paper formulates results related to the determination of the conditions for which the specified set of n numbers is the set of characteristic numbers of some n-th order stochastic matrix.

(Mathematics, TT, v. 9, no. 12)

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I. Suleimanova, Kh. R.

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Note on the Theory of Alloys, N. S. Akulov.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol LXVI, No 3, 1949, pp 361-364.

Brutcher Tr 2505

Scientific - Min/Metals $2.45

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Kinetics of Ingot Solidification, by V. M. Breitman.

RUSSIAN, W thrice mo por, Dok Ak Nauk USSR, Vol LXVI, No 3, 1949, pp 385-388.

Brutcher Tr No 2401

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Scientific - Min/Metals $2.20

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Diffraction of a Spherical Electromagnetic Wave From a Thin Conical Surface of Finite Dimensions, by R. G. Mirzanov, 6 pp.

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SLA TR R-699

Sci - Electricity

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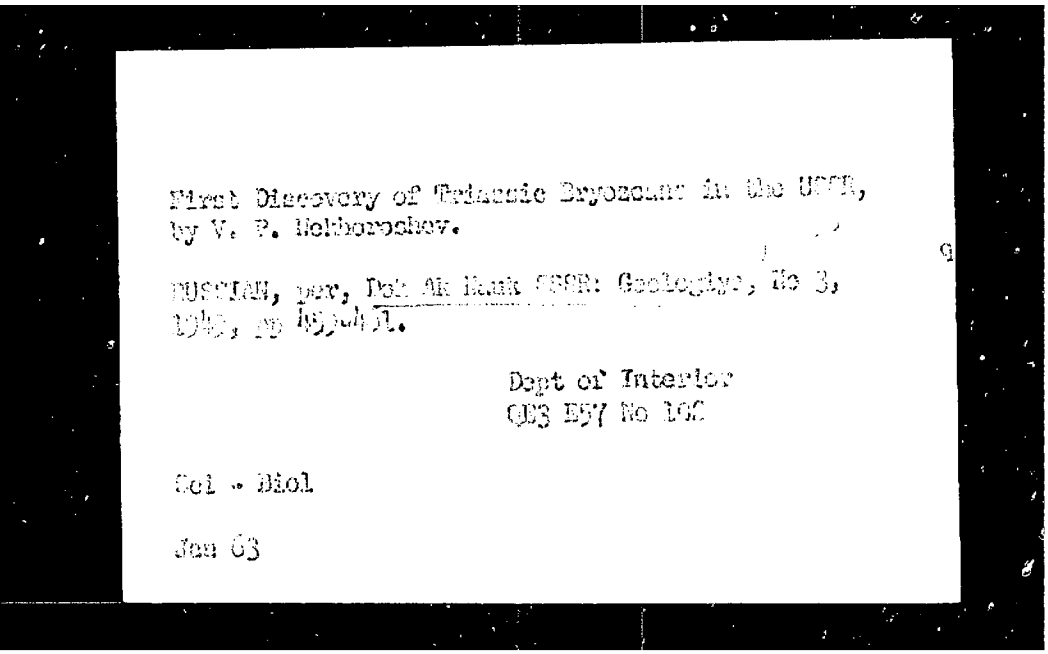

First Discovery of Triassic Bryozoans in the USSR,
by V. P. Nekhoroshev.

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Jan 63

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Tolstoi, N. A. and Feofilov, P. P.
ON SOME ELECTROOPTIC PHENOMENA IN COLLOIDS. [1962] 9p.
Order from K-H $11.25 K-H 8921 c

Trans. from [Akademiya Nauk SSSR. Doklady] 1949, v. 66, no. 4.

DESCRIPTORS: *Photoelectric effect, *Colloids, Photochemistry.

(Chemistry--Physical, TT, v. 9, no. 9)

62-22797

I. Tolstoi, N. A.
II. Feofilov, P. P.
III. K-H-8921-c
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

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A Note on the Minimal Condition for Sub-Groups,
by V. S. Charin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVI,
No 4, 1949, pp 575-576.

NLL RTS 2073

Sci - Misc

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ODING, G. A.

Doklady Akademii Nauk Sssr, vol. 66, 1949,
No. 4, pp. 585-587; 3 figures, 800 words.

Increase in Temperature of Word During Machining.

Brutcher Trans, Order No. 2351, $ 1.60.

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Effect of Trapped Electron States Upon the Dielectric Permeability of Crystallophosphors, by E. I. Adirovich, 6 pp.

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Angular Distribution of Protons in Reactions $O^{16}(d,p)O^{17}$ and $Al^{27}(d,p)Al^{28}$., Yu.A. Nemilov and B.L. Funshteyn

RUSSIAN, Dok Ak Nauk SSSR, Vol 66, No 4, 1949, pp 609-12

See Upton, New York State: Brookhaven National Laboratory
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New Observations on the Luminescence of ~~XXXX~~ Zinc Sulfide, by N. Ril', G. Ortman, 8 pp.

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Formation of Luminescence Centers in ZnS-Cu Luminophores, by A. A. Cherepnev, T. S. Dobrolyubskaya, 5 pp.

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Dependence of the Absorption, Excitation and Photo-Luminescence Spectra of KI-Tl Phosphor Sublimate Upon the Concentration of the Activator, by K. V. Shalimova, 3 pp.

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Investigation of Process of Ingot Solidification With Reference to Temperature Distribution, by V. M. Dreitman.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LXVI, No 4, 1949, pp 633-636.

Brutcher Tr No 2402

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Scientific - Min/Metals $2.55

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